

Applicant: EBERLE *et al.*  
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This listing of claims will replace all prior versions and listings of claims in the Application.

**LISTING OF CLAIMS:**

Claims 1-26. (cancelled)

27. (Previously Presented) A system for providing service output information to a subscriber of a service, comprising:

service subscription means for receiving from at least one subscriber, during a subscription registration process, information specifying preferences for the content and presentation of service output information from at least one service that can output personalized information, a voice address to which service output information is to be delivered via an outbound telephone call, and criteria for customizing the service output information based on a recipient of the outbound telephone call;

service processing means for processing the least one service to generate service output information that is personalized for the at least one subscriber when a delivery condition has been met;

communication means for initiating an outbound telephone call to the voice address;

detection means for detecting a recipient of the outbound telephone call; and

delivery means for delivering service output information based on the detected recipient of the outbound telephone call detected by the detection means, and based on the criteria specified during the subscription registration process.

28. (cancelled)

29. (Previously Presented) The system of claim 27, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

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30. **(Previously Presented)** The system of claim 27, wherein the delivery condition is specified by either the at least one subscriber, or an administrator.
31. **(Previously Presented)** The system of claim 27, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.
32. **(Previously Presented)** The system of claim 27, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.
33. **(cancelled)**
34. **(Previously Presented)** The system of claim 27, wherein the detected recipient of the outbound telephone call comprises a person.
35. **(Previously Presented)** The system of claim 34, wherein the person is queried for validation information.
36. **(Previously Presented)** The system of claim 35, further comprising means for receiving validation information provided by at least one of voice input, or keypad input.
37. **(Previously Presented)** The system of claim 27, wherein the detected recipient of the outbound telephone call comprises a machine.
38. **(Previously Presented)** The system of claim 37, wherein the machine comprises at least one of an answering machine, facsimile machine, or modem.

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39. (cancelled)
40. (Previously Presented) The system of claim 27, wherein the criteria specified during the subscription registration process enables the content of the service output information to be differentiated according to whether the detected recipient of the outbound telephone call comprises a person or a machine.
41. (Previously Presented) The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is reduced from the content of the service output information to be provided when the detected recipient comprises a person.
42. (Previously Presented) The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.
43. (Previously Presented) The system of claim 27, wherein the communication means comprises a call server for initiating the outbound telephone call.
44. (Previously Presented) The system of claim 43, wherein the detection means comprises a detection module, the detection module sensing a state of a call pickup sequence of the outbound telephone call.
45. (Previously Presented) The system of claim 44, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient.

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46. **(Previously Presented)** The system of claim 45, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.
47. **(Previously Presented)** The system of claim 46, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.
48. **(Previously Presented)** The system of claim 47, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.
49. **(Previously Presented)** The system of claim 45, further comprising an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient.
50. **(Previously Presented)** The system of claim 49, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.
51. **(Currently Amended)** The system of claim 49, wherein the outbound telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.
- 52-53. **(cancelled)**

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54. **(Previously Presented)** A method for providing service output information to a subscriber of a service, comprising:

receiving from at least one subscriber, during a subscription registration process, information specifying preferences for the content and presentation of service output information from at least one service that can output personalized information, a voice address to which service output information is to be delivered via an outbound telephone call, and criteria for customizing the service output information based on a recipient of the outbound telephone call;

processing the at least one service to generate service output information that is personalized for the at least one subscriber when a delivery condition has been met;

initiating an outbound telephone call to the voice address;

detecting a recipient of the outbound telephone call; and

delivering service output information based on the detected recipient of the outbound telephone call, and based on the criteria specified during the subscription registration process.

55. **(cancelled)**

56. **(Previously Presented)** The method of claim 54, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

57. **(Previously Presented)** The method of claim 54, wherein the delivery condition is specified by either the at least one subscriber, or an administrator.

58. **(Previously Presented)** The method of claim 54, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.

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59. **(Previously Presented)** The method of claim 54, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.
60. **(cancelled)**
61. **(Previously Presented )** The method of claim 54, wherein the detected recipient of the outbound telephone call comprises a person.
62. **(Previously Presented)** The method of claim 61, further comprising querying the person for validation information.
63. **(Previously Presented)** The method of claim 62, further comprising receiving validation information provided by at least one of voice input, or keypad input.
64. **(Previously Presented)** The method of claim 54, wherein the detected recipient of the outbound telephone call comprises a machine.
65. **(Previously Presented)** The method of claim 64, wherein the machine comprises at least one of an answering machine, facsimile machine, or modem.
66. **(cancelled)**
67. **(Previously Presented)** The method of claim 54, wherein the criteria specified during the subscription registration process enables the content of the service output information to be differentiated according to whether the detected recipient comprises a person or a machine.

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68. **(Previously Presented)** The method of claim 67, wherein the content of the service output information to be provided when the detected recipient comprises a machine is reduced from the content of the service output information to be provided when the detected recipient comprises a person.

69. **(Previously Presented)** The method of claim 67, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.

70. **(Previously Presented)** The method of claim 54, wherein a call server initiates the outbound telephone call.

71. **(Previously Presented)** The method of claim 70, wherein detecting a recipient further comprises a detection module sensing a state of a call pickup sequence of the outbound telephone call.

72. **(Previously Presented)** The method of claim 71, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient.

73. **(Previously Presented)** The method of claim 72, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.

74. **(Previously Presented)** The method of claim 73, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.

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75. **(Previously Presented)** The method of claim 74, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.

76. **(Previously Presented)** The method of claim 72, further comprising:  
providing an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient.

77. **(Previously Presented)** The method of claim 76, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.

78. **(Previously Presented)** The method of claim 76, wherein the outbound telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.